



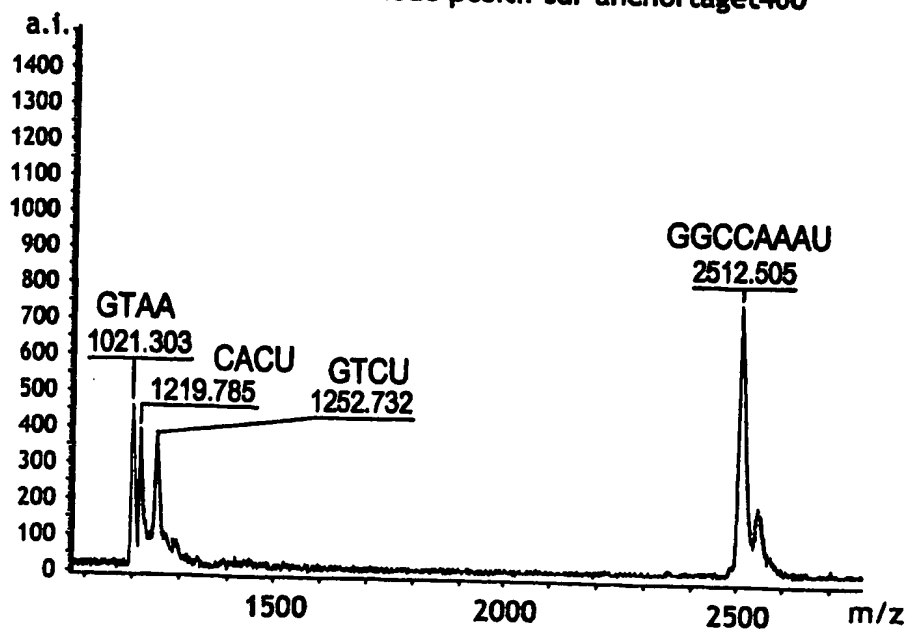
REPLACEMENT SHEET

FIG.1

5' -GTCU|CTU|CACU|U|GGCCAAAU|GTAA (SEQ ID NO:4)

Fragment	Expected Mass	Found Mass
GTCUCTUCACUUGGCCAAAU GTAA	7312,9	
CTU	918,6	
GTAA	1197,9	1201,3
CACU	1216,8	1219,8
GTCU	1247,8	1252,7
GGCCAAAU	2501,7	2512,5

Clivage par NH₄OH de GTCUCTUCACUUGGCCAAAU GTAA
Matrice HPA mode positif sur anchortaget400

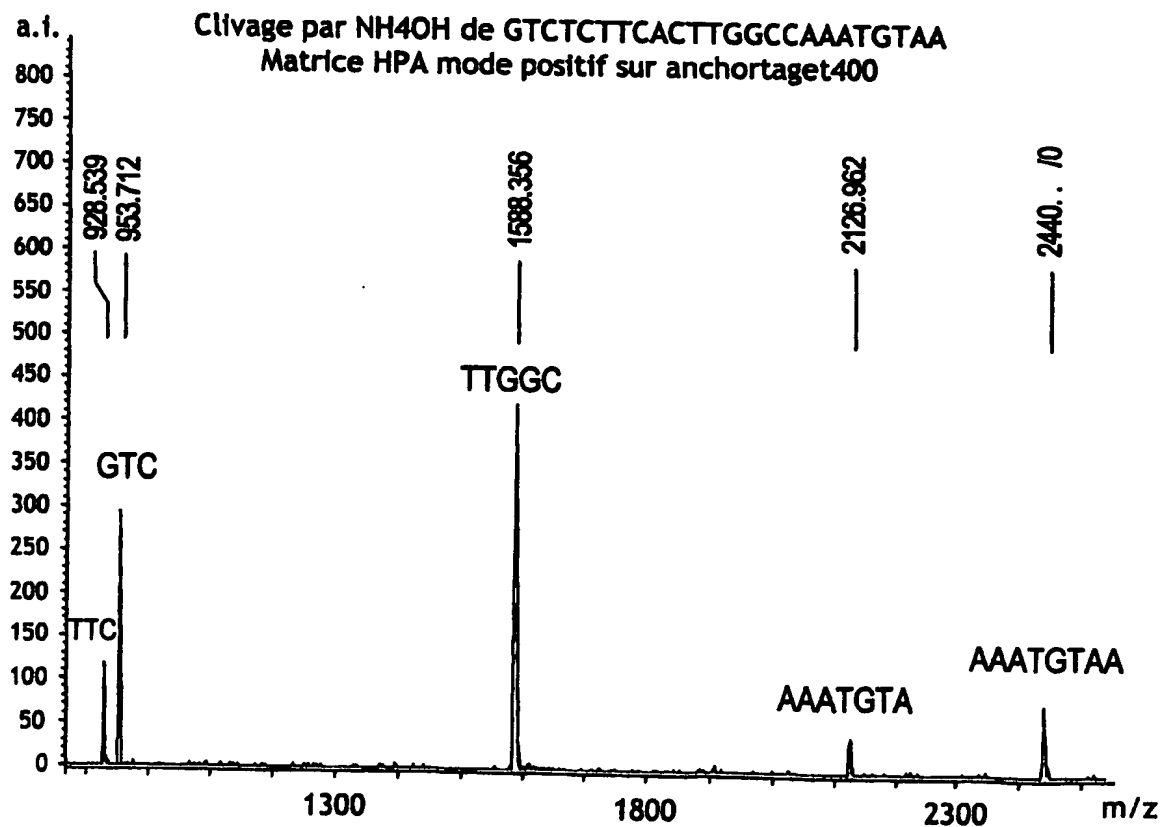


REPLACEMENT SHEET

FIG.2

5' -GTC|TC|TTCAC|TTGGC|C|AAATGTAA (SEQ ID NO:5)

Fragment	Expected Mass	Found Mass
GTCTCTTCACTTGGCCAAATGTAA	7398,9	
AC	637,4	
TTC	932,6	928,5
GTC	957,6	953,6
TTGGC	1591,0	1588,2
AAATGTA	2128,5	2127
AAATGTAA	2441,8	2440,5



REPLACEMENT SHEET

Figure 4

basic sequence:

5'-TTCACCTTGGCCAAATGT^{RNA}AAGNGAAGAACAGAGTC-3' (SEQ ID NO:6)

complementary template sequences: (SEQ ID NO:7)

3'-AAGTGAACCGGTTTACATTCCCTTCTTGTCTCAG-5' G template

3'-AAGTGAACCGGTTTACATTCTGCTTCTTGTCTCAG-5' C template

3'-AAGTGAACCGGTTTACATTCTCTTCTTGTCTCAG-5' A template

primer sequence:

5'-TTCACCTTGGCCAAATGT^{RNA}AAG-3' (SEQ ID NO:8)

sequences after extension and before cleavage: (SEQ ID NO:9)

5'-TTCACCTTGGCCAAATGT^{RNA}AAGG^{RNA}G^{RNA}AAG^{RNA}AACAG^{RNA}AG^{RNA}TC-3' N = G

5'-TTCACCTTGGCCAAATGT^{RNA}AAGCG^{RNA}AAG^{RNA}AACAG^{RNA}AG^{RNA}TC-3' N = C

5'-TTCACCTTGGCCAAATGT^{RNA}AAGAG^{RNA}AAG^{RNA}AACAG^{RNA}AG^{RNA}TC-3' N = A

Fragments after cleavage:

AAGG^{RNA} G^{RNA} AAG^{RNA} AACAG^{RNA} AG^{RNA} TC Fragments for N = G

AAGCG^{RNA} AAG^{RNA} AACAG^{RNA} AG^{RNA} TC Fragments for N = C

AAGAG^{RNA} AAG^{RNA} AACAG^{RNA} AG^{RNA} TC Fragments for N = A

Signals that differ:

AAGG^{RNA} for N = G = 1319 Da

AAGCG^{RNA} for N = C = 1633 Da

AAGAG^{RNA} for N = A = 1609 Da

Signals that are the same:

AACAG^{RNA} = 1593 Da

AAG^{RNA} = 990 Da